

10/525799
DT01 Rec'd PCT/PTC 25 FEB 2005

CLAIMS

1. (amended) An anisotropically conductive connector comprising an anisotropically conductive film, in which a plurality of conductive path-forming parts each extending in a thickness-wise direction of the film are arranged in a state mutually insulated by insulating parts,

wherein the anisotropically conductive film is formed by an insulating elastic polymeric substance, conductive particles exhibiting magnetism are contained in the conductive path-forming parts, and a reinforcing material formed of insulating mesh is contained in a surface layer portion on one surface side of the anisotropically conductive film, and supposing that an opening diameter of the mesh is r_1 , and an average particle diameter of the conductive particles is r_2 , a ratio r_1/r_2 is at least 1.5.

2. (cancelled)

3. (amended) The anisotropically conductive connector according to claim 1, wherein the reinforcing material is formed of mesh, and the opening diameter of the mesh is at most 500 μm .

4. (amended) The anisotropically conductive connector according to claim 1 or 3, wherein a supporting body for supporting a peripheral edge portion of the anisotropically conductive film is provided.

5. (amended) The anisotropically conductive connector according to any one of claims 1, 3 or 4, which

is an anisotropically conductive connector for conducting electrical connection between electrodes to be inspected of a circuit device, which is an object of inspection, and inspection electrodes of a circuit board for inspection by
5 being intervened between the circuit device and the circuit board for inspection,

wherein a reinforcing material formed of insulating mesh or nonwoven fabric is contained in a surface layer portion, with which the circuit device comes into contact,
10 on one surface side of the anisotropically conductive film.

6. The anisotropically conductive connector according to claim 5, wherein particles exhibiting neither conductivity nor magnetism are contained in the surface layer portion, with which the circuit device comes into
15 contact, on one surface side of the anisotropically conductive film.

7. The anisotropically conductive connector according to claim 6, wherein the particles exhibiting neither conductivity nor magnetism are diamond powder.

20 8. The anisotropically conductive connector according to any one of claims 5 to 7, wherein conductive path-forming parts, which are not electrically connected to the electrodes to be inspected of the circuit device that is the object of inspection, are formed in the anisotropically conductive film in addition to the